

### **REMARKS/ARGUMENTS**

Claims 1-16 are pending in this application. Claim 19 has been amended herein. In view of this Amendment reexamination and reconsideration are respectfully requested.

The Examiner rejected claims 1-19 under 35 U.S.C. § 103(a) as being unpatentable over Tsuneyoshi et al in view of Handa et al. (5,303,338). Applicant traverses the Examiner's finding of anticipation and believes the cited art does not teach or suggest the claimed invention.

Tsuneyoshi teaches to draw a plurality of graphs on axis with scales. Tsuneyoshi only teaches to graph functions of the  $y=f(x)$  variety. Similarly, Handa teaches to display functions that include inequalities of  $y$  as a function of  $x$ . Applicant traverses the Examiner's finding of obviousness based on these references. None of the cited references teaches to a  $X=$  editor as claimed herein.

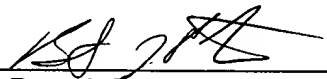
In contrast to the cited prior art, the present invention claims a graphing calculator with an  $X=$  editor. The cited art does not teach or suggest an  $X=$  editor. The present invention introduces the advantage of using an  $X=$  editor for helping students learn inequalities as a function of  $X$ . The editor allows the student user to easily input a function such as  $X < 5$ , or  $X > -3$ . This type of editor is not taught or suggested by the cited art. The applicant's were the first to introduce this type of function editor in a

computing device such as a graphing calculator. This feature has been well received in the marked place and particularly by the mathematic teaching community.

In particular, the cited art does not teach or suggest to display "one or more "X=" prompts which allows the user to define one or more equations or inequalities." This feature of the independent claims was not discovered in the art cited by the Examiner. Similarly, the other features of an X= editor in the dependent claims were not found.

In view of the above, Applicants respectfully request withdrawal of the Examiner's rejection and allowance of the pending claims. If the Examiner has any questions or other correspondence regarding this application, Applicants request that the Examiner contact Applicant's attorney at the below listed telephone number and address.

Respectfully submitted,  
Texas Instruments Incorporated

By   
Bret J. Petersen  
Reg. No. 37,417  
Tel.: (972) 917-5339